

This Page Is Inserted by IFW Operations  
and is not a part of the Official Record

## **BEST AVAILABLE IMAGES**

Defective images within this document are accurate representations of the original documents submitted by the applicant.

Defects in the images may include (but are not limited to):

- BLACK BORDERS
- TEXT CUT OFF AT TOP, BOTTOM OR SIDES
- FADED TEXT
- ILLEGIBLE TEXT
- SKEWED/SLANTED IMAGES
- COLORED PHOTOS
- BLACK OR VERY BLACK AND WHITE DARK PHOTOS
- GRAY SCALE DOCUMENTS

**IMAGES ARE BEST AVAILABLE COPY.**

**As rescanning documents *will not* correct images,  
please do not report the images to the  
Image Problem Mailbox.**

Docket No.

119620-00101

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

IN RE APPLICATION OF: James P. LANDERS et al.

SERIAL NO: 10/664,064

GAU: To be assigned

FILED: September 17, 2003

EXAMINER: To be assigned

FOR: REMOTE TEMPERATURE SENSING OF SMALL VOLUME RELATED APPARATUS THEREOF

**FILING OF DECLARATION UNDER 37 CFR 1.53(f)**

COMMISSIONER FOR PATENTS  
P.O. BOX 1450  
ALEXANDRIA, VA. 22313-1450

ATTN: APPLICATION BRANCH

SIR:

Responsive to the notification dated December 12, 2003, and in accordance with the provisions of 37 CFR 1.53(f), Applicants submit herewith a Declaration in accordance with 37 CFR 1.63.

- ☐ The required fee was paid at the time of filing the application.
- ☒ A check in the amount of \$65.00 is attached to cover the required fee for the late filing of the executed declaration.
- ☒ A copy of the notification is also submitted herewith.

The Declaration enclosed herewith adequately identifies the above-identified application in accordance with 37 CFR 1.63, as set forth in MPEP Section 601.01.

In light of the foregoing, this application is deemed to be in proper condition for examination and such favorable action is earnestly solicited.

Please charge any underpayment of fees or credit any overpayment of fees to Deposit Account No. 23-2185. A duplicate copy of this paper is attached.

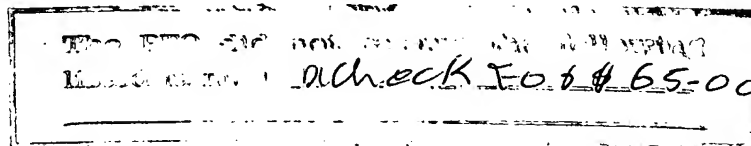
Respectfully Submitted,

BLANK ROME LLP

600 NEW HAMPSHIRE AVENUE, N.W.  
WASHINGTON, DC 20037  
TEL (202) 944-3000  
FAX (202) 572-8398

Michael C. Greenbaum  
Registration No. 28,419

Date: March 12, 2004



**DECLARATION FOR PATENT APPLICATION AND POWER OF ATTORNEY**

As a below named inventor, I hereby declare that:

My residence, mailing address and citizenship are as stated below next to my name,

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled: REMOTE TEMPERATURE SENSING OF SMALL VOLUME AND RELATED APPARATUS THEREOF the specification of which

☐ is attached hereto

☒ was filed on September 17, 2003 as United States Application Number or PCT International

Application Number 10/664,064 and (if applicable) was amended on

I hereby authorize our attorneys to insert the serial number assigned to this application.

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR §1.56.

I hereby claim foreign priority benefits under 35 U.S.C. §119(a)-(d) or §365(b) of any foreign application(s) for patent or inventor's certificate, or §365(a) of any PCT International application which designated at least one country other than the United States, listed below and have also identified below, by checking the box, any foreign application for patent or inventor's certificate, or PCT International application having a filing date before that of the application on which priority is claimed.

**PRIOR FOREIGN/PCT APPLICATION(S) AND ANY PRIORITY CLAIMS UNDER 35 USC §119**

APPLICATION NO.	COUNTRY	DAY/MONTH/YEAR FILED	PRIORITY CLAIMED

I hereby claim the benefit under 35 U.S.C. §119(e) of any United States provisional application(s) listed below.

**PROVISIONAL APPLICATION(S) UNDER 35 U.S.C. §119(e)**

APPLICATION NUMBER	FILING DATE
60/411,432	September 18, 2002

I hereby claim the benefit under 35 U.S.C. §120 of any United States application, or §365(c) of any PCT International application designating the United States, listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States or PCT International application in the manner provided by the first paragraph of 35 U.S.C. §112.

I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR §1.56 which became available between the filing date of the prior application and the national or PCT International filing date of this application.

**PRIOR U.S./PCT INTERNATIONAL APPLICATION(S) DESIGNATED FOR BENEFIT UNDER 35 U.S.C. §120**

APPLICATION NO.	FILING DATE	STATUS — PATENTED, PENDING, ABANDONED

I hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and to transact all business in the Patent and Trademark Office connected herewith: Victor M. Wigman, Reg. No. 25,201; George C. Myers, Jr., Reg. No. 27,040; Donald R. Greene, Reg. No. 22,470; Michael C. Greenbaum, Reg. No. 28,419; Charles R. Wolfe, Jr., Reg. No. 28,680; Michael D. White, Reg. No. 32,795; Brian C. Jones, Reg. No. 37,857; David J. Edmondson, Reg. No. 35,126; Denise C. Lane, Reg. No. 42,780; Peter Weissman, Reg. No. 40,220; Brian WM. Higgins, Reg. No. 48,443; Minh-Quan K. Pham, Reg. No. 50,594; John J. Yun, Reg. No. 53,823 and Thomas L. Willis Jr., Reg. No. 53,778.

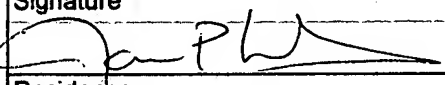
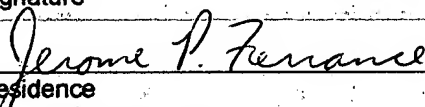
**Correspondence Address:**

BLANK ROME LLP  
600 New Hampshire Avenue, N.W.  
Washington, DC 20037  
TEL (202) 944-3000 FAX (202) 572-8398

**27557**

PATENT TRADEMARK OFFICE

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Full Name of sole or first inventor (given name, family name)	
James P. Landers	
Signature	Date
	Feb 27/04
Residence	Citizenship
Charlottesville, VA	U.S.A.
Mailing Address 633 Nettle Court, Charlottesville, VA 22903	
Full Name of additional joint inventor (given name, family name)	
Braden Giordano	
Signature	Date
Residence	Citizenship
Fairfax, VA	U.S.A.
Mailing Address 12110 Polo Drive, Apt. 324, Fairfax, VA 22033	
Full Name of additional joint inventor (given name, family name)	
Jerome P. Ferrance	
Signature	Date
	February 27, 2004
Residence	Citizenship
Charlottesville, VA	U.S.A.
Mailing Address 113 Lupine Lane, Charlottesville, VA 22911	
Full Name of additional joint inventor (given name, family name)	
Thomas Wavering	
Signature	Date
Residence	Citizenship
Charlottesville, VA	U.S.A.
Mailing Address 3147 Crossfield Lane, Charlottesville, VA 22911	
Full Name of additional joint inventor (given name, family name)	
Signature	Date
Residence	Citizenship
Mailing Address	
<input type="checkbox"/> Additional joint inventors are named on separately numbered sheets attached hereto.	



001/002

Attorney Docket: 119620-00101

**DECLARATION FOR PATENT APPLICATION AND POWER OF ATTORNEY**

As a below named inventor, I hereby declare that:

My residence, mailing address and citizenship are as stated below next to my name.

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled: REMOTE TEMPERATURE SENSING OF SMALL VOLUME AND RELATED APPARATUS THEREOF:

the specification of which

☐ is attached hereto

☒ was filed on September 17, 2003 as United States Application Number or PCT International

Application Number 10/664,064 and (if applicable) was amended on

I hereby authorize our attorneys to insert the serial number assigned to this application.

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR §1.56.

I hereby claim foreign priority benefits under 35 U.S.C. §119(a)-(d) or § 365(b) of any foreign application(s) for patent or inventor's certificate, or §365(a) of any PCT International application which designated at least one country other than the United States, listed below and have also identified below, by checking the box, any foreign application for patent or inventor's certificate, or PCT International application having a filing date before that of the application on which priority is claimed.

PRIOR FOREIGN/PCT APPLICATION(S) AND ANY PRIORITY CLAIMS UNDER 35 USC §119			
APPLICATION NO.	COUNTRY	DAY/MONTH/YEAR FILED	PRIORITY CLAIMED

I hereby claim the benefit under 35 U.S.C. §119(e) of any United States provisional application(s) listed below.

PROVISIONAL APPLICATION(S) UNDER 35 U.S.C. §119(e)	
APPLICATION NUMBER	FILING DATE
60/411,432	September 18, 2002

I hereby claim the benefit under 35 U.S.C. §120 of any United States application, or §365(c) of any PCT International application designating the United States, listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States or PCT International application in the manner provided by the first paragraph of 35 U.S.C. §112.

I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR §1.56 which became available between the filing date of the prior application and the national or PCT International filing date of this application.

PRIOR U.S./PCT INTERNATIONAL APPLICATION(S) DESIGNATED FOR BENEFIT UNDER 35 U.S.C. §120		
APPLICATION NO.	FILING DATE	STATUS — PATENTED, PENDING, ABANDONED

I hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and to transact all business in the Patent and Trademark Office connected herewith: Victor M. Wigman, Reg. No. 25,201; George C. Myers, Jr., Reg. No. 27,040; Donald R. Greene, Reg. No. 22,470; Michael C. Greenbaum, Reg. No. 28,419; Charles R. Wolfe, Jr., Reg. No. 28,680; Michael D. White, Reg. No. 32,795; Brian C. Jones, Reg. No. 37,857; David J. Edmondson, Reg. No. 35,126; Denise C. Lane, Reg. No. 42,780; Peter Weissman, Reg. No. 40,220; Brian WM. Higgins, Reg. No. 48,443; Minh-Quan K. Pham, Reg. No. 50,594; John J. Yun, Reg. No. 53,823 and Thomas L. Willis Jr., Reg. No. 53,778.

**Correspondence Address:**

BLANK ROME LLP

600 New Hampshire Avenue, N.W.

Washington, DC 20037

TEL (202) 944-3000 FAX (202) 572-8398

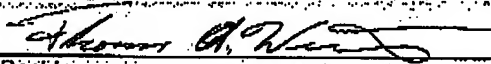


27557

PATENT TRADEMARK OFFICE

Attorney Docket: 119620-00101

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

<b>Full Name of sole or first inventor (given name, family name)</b> James P. Landers	
<b>Signature:</b>	<b>Date:</b>
<b>Residence:</b> Charlottesville, VA	<b>Citizenship:</b> U.S.A.
<b>Mailing Address:</b> 633 Nettle Court, Charlottesville, VA 22903	
<b>Full Name of additional joint inventor (given name, family name):</b> Braden Giordano	
<b>Signature:</b>	<b>Date:</b>
<b>Residence:</b> Fairfax, VA	<b>Citizenship:</b> U.S.A.
<b>Mailing Address:</b> 12110 Polo Drive, Apt. 324, Fairfax, VA 22033	
<b>Full Name of additional joint inventor (given name, family name):</b> Jerome P. Ferrance	
<b>Signature:</b>	<b>Date:</b>
<b>Residence:</b> Charlottesville, VA	<b>Citizenship:</b> U.S.A.
<b>Mailing Address:</b> 113 Lupine Lane, Charlottesville, VA 22911	
<b>Full Name of additional joint inventor (given name, family name):</b> Thomas Wavering	
<b>Signature:</b> 	<b>Date:</b> 2/11/2004
<b>Residence:</b> Charlottesville, VA	<b>Citizenship:</b> U.S.A.
<b>Mailing Address:</b> 3147 Crossfield Lane, Charlottesville, VA 22911	
<b>Full Name of additional joint inventor (given name, family name):</b>	
<b>Signature:</b>	<b>Date:</b>
<b>Residence:</b>	<b>Citizenship:</b>
<b>Mailing Address:</b>	
<input type="checkbox"/> Additional joint inventors are named on separately numbered sheets attached hereto.	



Attorney Docket: 119620-00101

**DECLARATION FOR PATENT APPLICATION AND POWER OF ATTORNEY**

As a below named inventor, I hereby declare that:

My residence, mailing address and citizenship are as stated below next to my name.

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled: REMOTE TEMPERATURE SENSING OF SMALL VOLUME AND RELATED APPARATUS THEREOF

the specification of which

☐ is attached hereto

☒ was filed on September 17, 2003 as United States Application Number or PCT International

Application Number 10/664,064 and (if applicable) was amended on

I hereby authorize our attorneys to insert the serial number assigned to this application.

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR §1.56.

I hereby claim foreign priority benefits under 35 U.S.C. §119(a)-(d) or §365(b) of any foreign application(s) for patent or inventor's certificate, or §365(e) of any PCT International application which designated at least one country other than the United States, listed below and have also identified below, by checking the box, any foreign application for patent or inventor's certificate, or PCT International application having a filing date before that of the application on which priority is claimed.

**PRIOR FOREIGN/PCT APPLICATION(S) AND ANY PRIORITY CLAIMS UNDER 35 USC §119**

APPLICATION NO.	COUNTRY	DAY/MONTH/YEAR FILED	PRIORITY CLAIMED

I hereby claim the benefit under 35 U.S.C. §119(e) of any United States provisional application(s) listed below.

**PROVISIONAL APPLICATION(S) UNDER 35 U.S.C. §119(e)**

APPLICATION NUMBER	FILING DATE
60/411,432	September 18, 2002

I hereby claim the benefit under 35 U.S.C. §120 of any United States application, or §365(c) of any PCT International application designating the United States, listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States or PCT International application in the manner provided by the first paragraph of 35 U.S.C. §112.

I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR §1.56 which became available between the filing date of the prior application and the national or PCT International filing date of this application.

**PRIOR U.S./PCT INTERNATIONAL APPLICATION(S) DESIGNATED FOR BENEFIT UNDER 35 U.S.C. §120**

APPLICATION NO.	FILING DATE	STATUS — PATENTED, PENDING, ABANDONED

I hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and to transact all business in the Patent and Trademark Office connected herewith: Victor M. Wigman, Reg. No. 25,201; George C. Myers, Jr., Reg. No. 27,040; Donald R. Greene, Reg. No. 22,470; Michael C. Greenbaum, Reg. No. 28,419; Charles R. Wolfe, Jr., Reg. No. 28,680; Michael D. White, Reg. No. 32,795; Brian C. Jones, Reg. No. 37,857; David J. Edmondson, Reg. No. 35,126; Denise C. Lane, Reg. No. 42,780; Peter Weissman, Reg. No. 40,220; Brian WM. Higgins, Reg. No. 48,443; Minh-Quan K. Pham, Reg. No. 50,594; John J. Yun, Reg. No. 53,823 and Thomas L. Willis Jr., Reg. No. 53,778.

**Correspondence Address:**

BLANK ROME LLP  
800 New Hampshire Avenue, N.W.  
Washington, DC 20037  
TEL (202) 844-3000 FAX (202) 672-8398



27557

PATENT TRADEMARK OFFICE

Attorney Docket: 119620-00101

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Full Name of sole or first inventor (given name, family name) James P. Landers	
Signature	Date
Residence Charlottesville, VA	Citizenship U.S.A.
Mailing Address: 633 Nettle Court, Charlottesville, VA 22903	
Full Name of additional joint inventor (given name, family name) Braden Giordano	
Signature	Date 2/11/04
Residence Fairfax, VA	Citizenship U.S.A.
Mailing Address: 12110 Polo Drive, Apt. 324, Fairfax, VA 22033	
Full Name of additional joint inventor (given name, family name) Jerome P. Ferrance	
Signature	Date
Residence Charlottesville, VA	Citizenship U.S.A.
Mailing Address: 113 Lupine Lane, Charlottesville, VA 22911	
Full Name of additional joint inventor (given name, family name) Thomas Wavering	
Signature	Date
Residence Charlottesville, VA	Citizenship U.S.A.
Mailing Address: 3147 Crossfield Lane, Charlottesville, VA 22911	
Full Name of additional joint inventor (given name, family name)	
Signature	Date
Residence	Citizenship
Mailing Address	
<input type="checkbox"/> Additional joint inventors are named on separately numbered sheets attached hereto.	